

大会通知 | 2025 “一带一路” 国际智能农业装备发展大会 (ISAED 2025)

Conference Notice | 2025 Belt and Road International Conference on Smart Agricultural Equipment Development

第一轮通知

First Round Notice

推动农业现代化、提升生产效率和可持续性已成为保障全球粮食安全的世界性课题。“一带一路”国际智能农业装备发展大会依托“一带一路”倡议提供的广阔平台，聚焦智能农业装备这一核心驱动力，致力于创新成果展示、技术转移转化、产品人才对接，深化沿线国家间合作。

为进一步推进“一带一路”智能农业技术创新发展与装备人才供需对接交流，石河子大学发挥区位优势，联合中国农业机械工业协会、中国农业机械学会、中国农业工程学会将于2025年7月21日至24日在新疆石河子举办2025“一带一路”国际智能农业装备发展大会，现将有关事宜通知如下：

Promoting agricultural modernization, enhancing production efficiency, and ensuring sustainability have become global issues crucial for safeguarding global food security. 2025 "Belt and Road" International Conference on Smart Agricultural Equipment Development (ISAED 2025) leverages the vast platform with the Belt and Road Initiative, focusing on intelligent agricultural equipment as the core force. The "ISAED 2025" conference dedicates to innovative achievement presentation, technology transfer and commercialization, product docking and talent docking, and deepening cooperation of the Belt and Road Initiative partner countries.

To further advance the innovation and development of intelligent agricultural echnology within the Belt and Road Initiative (BRI) and facilitate the alignment of supply and demand for talents in the agricultural equipment sector, Shihezi University, capitalizing on its geographical advantages, will join forces with the China Association of Agricultural Machinery Manufacturers, the Chinese Society of Agricultural Machinery, and the Chinese Society of Agricultural Engineering to organize the "ISAED 2025" conference, which will be held in Shihezi, Xinjiang, from July 21st to 24th, 2025. The relevant details are hereby announced as follows:

一、大会主题

智启农耕新篇，联创丝路未来

I. Conference Theme

"Innovating Agriculture with Intelligence, Co-creating the Future of the Silk Road"

二、组织单位

1.主办单位：

石河子大学

中国农业机械工业协会

中国农业机械学会

中国农业工程学会

II. Organizing Units

1. Hosts:

Shihezi University

China Association of Agricultural Machinery Manufacturers

Chinese Society for Agricultural Machinery

Chinese Society of Agricultural Engineering

2.承办单位：

石河子大学机械电气工程学院

石河子大学水利建筑工程学院

国家棉花技术创新中心

农业农村部西北农业装备重点实验室

特色作物生产机械装备国家地方联合工程实验室

棉花生产技术现代化省部共建协同创新中心

绿洲特色经济作物生产机械化教育部工程研究中心

2.Organizers

College of Mechanical and Electrical Engineering, Shihezi University

College of Water Conservancy and Architectural Engineering, Shihezi University

National Cotton Technology Innovation Center

Key Laboratory of Northwest Agricultural Equipment, Ministry of Agriculture and Rural Affairs

National-Local Joint Engineering Laboratory of Production Equipment for Characteristic

Crops

Collaborative Innovation Center of Province-Ministry Co-construction for Cotton Modernization Production Technology

Engineering Research Center for Production Mechanization of Oasis Characteristic Cash Crop, Ministry of Education

3. 协办单位:

塔什干灌溉与农业机械工程(TIIAME)国立研究大学

巴基斯坦拉瓦尔品第PMAS干旱农业大学

韩国江原国立大学

中国工程机械学会特大型工程运输车辆分会

新疆兵团北斗导航精准农业产业技术创新战略联盟

中国农业大学工学院

中国农业大学信息与电气工程学院

浙江大学生物系统工程与食品科学学院

江苏大学农业工程学院

吉林大学生物与农业工程学院

华中农业大学工学院

塔里木大学机械电气化工程学院

新疆农业大学机电工程学院

甘肃农业大学机电工程学院

青岛农业大学机电工程学院

燕山大学机械工程学院

新疆工程学院

山东农业工程学院

新疆农垦科学院机械装备研究所

新疆农业科学院农业装备研究所

国家节水灌溉工程技术研究中心(新疆)

中国农业科学院西部农业研究中心

国家精准农业航空施药技术国际联合研究中心

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3. Co-organizers:

Tashkent Institute of Irrigation and Agricultural Mechanization Engineers(TIIAME)-
National Research University

PMAS Arid Agriculture University, Rawalpindi, Pakistan

Kangwon National University, South Korea

Special Vehicles for Oversized Project Transport Branch of China Construction
Machinery Society

Xinjiang Production and Construction Corps (XPCC) Beidou Navigation Precision
Agriculture Industrial Technology Innovation Strategic Alliance

College of Engineering, China Agricultural University
College of Information and Electrical Engineering, China Agricultural University
College of Biosystems Engineering and Food Science, Zhejiang University
School of Agricultural Engineering, Jiangsu University
College of Biological and Agricultural Engineering, Jilin University
College of Engineering, Huazhong Agricultural University
College of Mechanical and Electronic Engineering, Tarim University
College of Mechanical and Electronic Engineering, Xinjiang Agricultural University
Mechanical and Electrical Engineering College, Gansu Agricultural University
College of Mechanical and Electrical Engineering, Qingdao Agricultural University
School of Mechanical Engineering, Yanshan University
Xinjiang Institute of Engineering
Shandong Agriculture and Engineering University
Mechanical Equipment Research Institute, Xinjiang Academy of Agricultural
Reclamation Science
Agricultural Equipment Research Institute, Xinjiang Academy of Agricultural Sciences
National research center for water-saving irrigation projects (Xinjiang)
Western Agricultural Research Center, Chinese Academy of Agricultural Sciences
National Center for International Collaboration Research on Precision Agricultural
Aviation Pesticides Spraying Technology, South China Agricultural University

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4.支持单位:

韩国农业机械学会
江苏沃得农业机械有限公司
新疆钵施然智能农机股份有限公司
新疆天鹅现代农业机械装备有限公司
铁建重工新疆有限公司
上海联适导航技术股份有限公司
常州汉森机械股份有限公司

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4.Supporting Units:

Korean Society for Agricultural Machinery
Jiangsu World Agricultural Machinery Co., Ltd.
Xinjiang Boshuran Intelligent Agricultural Machinery Co., Ltd.
Xinjiang Swan Modern Agricultural Machinery and Equipment Co. Ltd.
Railway Construction Heavy Industry Xinjiang Co., Ltd.
Shanghai Lianshi Navigation Technology Co., Ltd.
Changzhou Han-Sun Machinery Co., Ltd.

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三、大会主席

陈学庚 中国工程院院士

III. Conference Chair

Academician of the Chinese Academy of Engineering: Chen Xuegeng

四、亮点特色

1. 院士专家智库·剖析前沿趋势

30+位中外院士、顶尖学者，围绕智能农业技术与装备分享前沿动态和未来趋势。

2. 青年学者交流·共促领域发展

开设十大专题，200+位中外青年学者围绕人工智能、农业科学、工程学等多学科交叉融合交流。

3. 产研生态聚合·精准供需对接

邀请自治区、兵团、“一带一路”沿线国家产学研用机构、企业需求方、农场主、贸易商等围绕智能农机整机及关键零部件进行产品、人才供需对接。

IV. Highlights and Features

1. Academician and Expert Think Tank: Exploring Cutting-Edge Developments

Over 30 domestic and international academicians and leading scholars will assemble to dissect the latest breakthroughs and future trajectories in intelligent agricultural technology and equipment, offering a comprehensive outlook on the field's evolution.

2. Young Scholars' Exchange: Catalyzing Cross-Disciplinary Progress

Ten specialized sessions will be organized, providing a platform for interdisciplinary dialogue among over 200 young scholars from China and abroad. These sessions will span artificial intelligence, agricultural science, engineering, and other related fields, fostering collaborative innovation and knowledge exchange.

3. Industry-Research Ecosystem Synergy: Bridging Supply and Demand with Precision

A diverse array of stakeholders, including representatives from industrial, academic, research, and application sectors in the autonomous region, the Xinjiang Production and Construction Corps, and countries participating in the Belt and Road Initiative (BRI), will convene. Alongside enterprise demanders, farmers, and traders, they will participate in a targeted matching process for intelligent agricultural machinery, encompassing both complete machines and critical components, to facilitate efficient resource allocation and technological advancement.

五、“一带一路”青年学者论坛

分论坛	专题名称
1	农业传感器与信息感知
2	农业生产智能装备
3	智慧渔业技术与装备
4	智慧畜牧技术与装备
5	特色设施农业机器人
6	农业航空遥感与精准植保
7	数字棉花关键技术与装备
8	数字土壤关键技术与装备
9	智能农业动力装备
10	节水灌溉与水肥一体化

有意愿做口头报告的报告人，请将报告摘要和题目发送至ISAED2025@163.com (联系人：王震涛，15770085650)。报告时长15分钟左右，中英文均可，建议英文。

本届大会将对报告及论文进行评选，设立一、二、三等奖，发放证书，并择优推荐发表至《农业机械学报》（正刊）和International Journal of Agricultural and Biological Engineering (IJABE)。参评论文参考《农业机械学报》、IJABE投稿模板，于7月14日前提交全文至大会征稿邮箱：ISAED2025@163.com (联系人：王震涛，15770085650)。

V.“Belt and Road” Young Scholars Forum

Sub-forum	Topic Name
1	Agricultural Sensors and Information Perception
2	Intelligent Equipment for Agricultural Production
3	Intelligent Fishery Technology and Equipment
4	Intelligent Animal Husbandry Technology and Equipment
5	Specialized Facility Agriculture Robots
6	Agricultural Aviation Remote Sensing and Precision Crop Protection
7	Key Technologies and Equipment for Digital Cotton
8	Key Technologies and Equipment for Digital Soil
9	Intelligent Agricultural Power Equipment
10	Water-Saving Irrigation and Integrated Water-Fertilizer Management

Researchers intending to give an oral presentation are invited to submit their presentation title and abstract to the conference email: ISAED2025@163.com (Contact: Zhentao Wang, +86 15770085650). Each presentation is expected to last approximately 15 minutes. Presentations may be given in either Chinese or English, though English is recommended.

Outstanding presentations and papers will be selected for First, Second, and Third Prizes, with certificates awarded. Selected high-quality papers will be recommended for publication in the Transactions of the Chinese Society for Agricultural Machinery (regular issue) and the International Journal of Agricultural and Biological Engineering (IJABE). Submitted papers should follow the formatting guidelines of the Transactions of the Chinese Society for Agricultural Machinery or IJABE, and must be sent to the conference email (ISAED2025@163.com) by July 14. (Contact: Zhentao Wang, +86 15770085650).

六、时间地点

时间：2025年7月21日至24日

地点：新疆·石河子市

VI. Time and Venue

Time: July 21-24, 2025

Venue: Shihezi City, Xinjiang Uyghur Autonomous Region

七、大会日程

时 间		内 容
7月21日	全天	报到
7月22日	上午	大会开幕式、主旨报告
	下午	特邀报告、研讨会
7月23日	全天	“一带一路”智能装备与人才供需会
		“一带一路”青年学者论坛报告
		论文报告评选及颁奖
7月24日	全天	参观、离会

VII. Conference Schedule

Time		Event Description
July 21	Full-day	Registration
July 22	Morning	Opening Ceremony & Keynote Presentations
	Afternoon	Invited Lectures & Thematic Workshops
July 23	Full-day	Belt and Road Smart Equipment & Talent Supply-Demand Matchmaking Forum
		Belt and Road Young Scholars Forum
		Academic Paper Competition & Award Ceremony
July 24	Full-day	Site Visits & Conference Departure

八、大会注册

(一) 大会注册 (石河子市牧天会务服务有限公司)

扫码注册:



报名截止时间: 2025年7月14日

(二) 会议费标准

会议费: 线上注册, 1800元/人, 学生1000元/人。

注: 已注册缴费但未能参会者, 注册费不予退回, 可由他人代替参会; 会务组收到已注册人员的注册费后视为有效注册, 缴费时间以汇款或转账时间为准。

(三) 注册缴费方式

收款单位: 石河子市牧天会务服务有限公司

开户行: 中国银行股份有限公司石河子大学支行

账号: 108300252803

行号: 104902801158



(可扫码交费)

发票信息:

- ①会务公司收款单位将开具电子普通发票
- ②发票项目为“会议服务费”
- ③参会者需在注册表中提供准确的发票信息(单位名称、纳税人识别号和邮箱)

完成参会注册后,请尽快缴纳大会注册费,并在缴费后及时在大会网站填写发票信息,以便核查并开具发票(电子发票)。电子发票将在大会结束后5个工作日内发送到注册时的预留邮箱。

VIII. Conference Registration

(I) Conference Registration (Organized by Shihezi Mutian Conference Services Co., Ltd.)

QR Code Registration:



Registration Deadline: July 14, 2025

(II) Conference Registration Fees

Registration Fees:

Online Registration: 1,800 RMB/person for regular participants, 1,000 RMB/person for students.

Note: For participants who have registered and paid but are unable to attend, the registration fee is non-refundable. However, another person may attend in their place. Registration is considered valid upon receipt of the registration fee by the conference organizing committee. The payment time is based on the remittance or transfer time.

(III) Registration and Payment Methods

Payment Recipient: Shihezi Mutian Conference Services Co., Ltd.

Bank Name: Bank of China, Shihezi University Sub-branch

Account Number: 108300252803

Bank Code: 104902801158



(QR code for payment)

Invoice Information:

- ① The conference services company will issue electronic regular invoices.
- ② The invoice item will be listed as "Conference Service Fees."
- ③ Participants must provide accurate invoice information (company name, taxpayer identification number, and email address) in the registration form.

After completing the conference registration, please pay the registration fee promptly and fill in the invoice information on the conference website in a timely manner after payment to facilitate verification and invoice issuance (electronic invoice). Electronic invoices will be sent to the email address provided during registration within 5 working days after the conference concludes.

九、大会住宿

大会统一安排食宿，费用自理。

IX. Conference Accommodation

The conference will arrange accommodation and meals uniformly, but participants are responsible for covering their own expenses.

十、联系方式

大会赞助负责人：唐腾飞、张若宇 18703083230

大会注册负责人：张军风 18899595959

X. Contact Information

Conference Sponsorship: Tang Tengfei, Zhang Ruoyu, Phone: 18703083230

Conference Registration: Zhang Junfeng, Phone: 18899595959



石河子大学 (Shihezi University)

2025年6月5日 (June 5, 2025)